

# Receiving Report

Date: 17/3/10  
 Supplier: NAGWA

Batch No: 1128437  
 Dart P/O: 2 3244

Packing Slip: Yes ☒ No ☐  
 Invoice: Yes ☐ No ☒  
 Receipt: Cash ☐ Cr ☒  
 New Supplier Yes ☐ No ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐  
 Waybill Attached: Yes ☐ No ☒ N/A ☐  
 Shipment Complete: Yes ☒ No ☐ N/A ☐  
 QC18 Inspection ☒ N/A ☒  
 Work Order ☐

## Discrepancies

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number
	<u>NAGWA PAUL B-D</u>						

Initials of Receiver

QC12

Production/Admin: 17/3/10  
 Date C  
 Received/Costing C  
 Initial C

Location \_\_\_\_\_

# Purchase Order Receipt Listing

Monday, March 10, 2014 11:12:41 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO23249 Receipt Dates from 3/10/2014 to 3/10/2014 All Line Item Types  
All Item ID/GL/WOs All Rec. Employees All Currencies  
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
<b>Vendor ID \ Vendor Name</b> VC-MAG002 Magna Stainless											
PO23249	2		M6061T6B0.500X01. f 250		3/10/2014	3/10/2014	20.0000	\$1.19	0.0000	0	\$23.84
CAD	No		6061-T6 Bar .500 x f 1.25		20.0000	DESJ02		\$23.84	0.0000	0	
			M128437				20.0000	\$5.82	0.0000	0	\$116.49
	3		M6061T6B0.500X06. f 000		3/10/2014	3/10/2014		\$116.49	0.0000	0	
	No		6061-T6 Bar .500 x f 6.00		20.0000	DESJ02			0.0000	0	
			M128437				20.0000	\$1.49	0.0000	0	\$29.80
	4		M6061T6B0.750X01. f 000		3/10/2014	3/10/2014		\$29.80	0.0000	0	
	No		6061-T6 Bar .750 x f 1.00		20.0000	DESJ02			0.0000	0	
			M128437				20.0000	\$2.89	0.0000	0	\$57.79
	5		M6061T6B0.750X02. f 000		3/10/2014	3/10/2014		\$57.79	0.0000	0	
	No		6061-T6 Bar .750 x f 2.00		20.0000	DESJ02			0.0000	0	
			M128437				20.0000	\$4.33	0.0000	0	\$86.69
	6		M6061T6B0.750X03. f 000		3/10/2014	3/10/2014		\$86.69	0.0000	0	
	No		6061-T6 Bar .750 x f 3.00		20.0000	DESJ02			0.0000	0	
			M128437				10.0000	\$4.77	0.0000	0	\$47.68
	8		M6061T6B1.000X02. f 500		3/10/2014	3/10/2014		\$47.68	0.0000	0	
	No		6061-T6 Bar 1.00 x f 2.50		10.0000	DESJ02			0.0000	0	
			M128437				20.0000	\$1.52	0.0000	0	\$30.34
	10		M6061T6R1.000 ROUND BAR 1.00" f		3/10/2014	3/10/2014		\$30.34	0.0000	0	
	No		M128437		20.0000	DESJ02			0.0000	0	



Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MIRB Qty/ MIRB Reject Qty	Book Amt
Vendor ID/Vendor Name		VC-MAG002	Magna Stainless								
PO23249	11		M6061T6R1.500	f	3/10/2014	3/10/2014	40.0000	\$3.45	0.0000	0	\$138.16
CAD	No		6061-T6 Round Bar 1.50 M128437	f	40.0000	DES102		\$138.16	0.0000	0	
Total Received Quantity: 170.0000											
Total Qty to Inspect (PO U/M): 0.0000											
Total Reject Quantity: 0.0000											
Total Receipt Value: \$530.79											
Total Balance Due Quantity: 0.0000											





**Magna Stainless**  
5775 Kieran St. Saint-Laurent, Quebec H4S 0A3  
Phone: (514) 339-1211 Watts: 1-800-363-6646 Fax: (514) 339-1105



**SOLD TO:**  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY, ON K6A 1K7

**SHIP TO:**  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY, ON K6A 1K7

**\*I092109\***  
SPECIAL INSTRUCTIONS  
\*\*\*\*\*STOCK

Contact: C.LAVOIE

Ship Terms: PREPAID MTR:C

Currency		Sales Person		Customer Phone		Customer Fax		Customer PO	
CANADIAN DOLLARS		CHRISTINA ANTONIOU		(613) 632-5200		(613) 632-1053		P023249	
Sales Order		Terms		Ship Via		Date Ordered		Date Required	
W104033		NET 30 DAYS		NIR:R-557065-1		03/06/14		03/10/14	
								03/10/14	

Ordered	Back Ordered	Unit	Description	Bundle #	Heat #	Shipped
1		PC	ALUMINUM FLATS AFL 6061 T6 1/2" x 1-1/4" x 20'	L085884	13100171A	1
1		PC	AFL 6061 T6 1/2" x 6" x 20'	L085033	14ZSU1/2	1
1		PC	AFL 6061 T6 3/4" x 1" x 20'	L081566	22106	1
1		PC	AFL 6061 T6 3/4" x 2" x 20'	L084367	13110453A	1
1		PC	AFL 6061 T6 3/4" x 3" x 20'	L084698	13111361A	1
1		PC	AFL 6061 T6 1" x 2-1/2" x 120"	L079948	13061511A	1
1		PC	ALUMINUM ROUND BAR ARB 6061 T6 1" x 20'	L084690	13121301A	1
2		PC	ARB 6061 T6 1-1/2" x 20'	L084696	13121091A	2
***ALL 20' LG BARS MUST BE CUT IN HALF BEFORE SHIPPING ***** MILL TEST + C CDE C REQUIS AVEC LIVRAISON PER ASTM B221						2
Bundles: 2 Pieces: 1					Approx Weight:	328 LB

Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Signature: \_\_\_\_\_



MAGNA  
Q.C.2

## PRODUCT INSPECTION CERTIFICATE

The Aluminum Company of Egypt  
48 / 50 Abdel Khalek Sarwat St.  
CAIRO - EGYPT - Extrusion Plant - Nag Hammady  
Tel. 002 02 5762 932 - 002 096 6583 174 - Fax : 002 096 6588 478

## CERTIFICATE

Customer

Standard : DIN EN 755 - EN 10204 - 3.1.B

Order no. : 143476 Box Container No. : MEDU429263/9

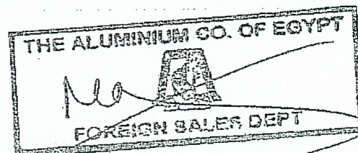
Alloy	6061	Length	6100 mm	Temper	T6	Product	Profiles
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### CHEMICAL COMPOSITION

Melt NO.	Analysis %								
	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al
14ZSU1/2	0.46	0.28	0.1902	0.0965	0.8700	0.0454	0.0187	0.0065	Rest

### Product specification

Item	Pallet No.	Net Weight (Kg)	No. Of pieces	Profiles Specification Dim (mm)	Tensile Strength Rm.	Proof strength Rp 0.2	Elongation	Brinell hardness HB
1	41313909	654	41	FB2"X0.750"	270	245	9	96
2	41313948	496	64	FB3"X0.250"	265	240	9	95
3	41313949	496	64	FB3"X0.250"	265	240	9	95
4	41313951	496	64	FB3"X0.250"	265	240	9	95
5	41313955	421	40	FB2"X0.500"	275	245	9	97
6	41313956	475	60	FB2"X0.375"	270	245	8	96
7	41313957	475	60	FB2"X0.375"	270	245	8	96
8	41313958	516	65	FB2"X0.375"	270	245	8	96
9	41313961	539	16	RB2"	270	250	8	96
10	41313971	463	33	RT4"X2"X0.120"SC	270	250	8	96
11	41313972	560	76	EA2"X2"X0.1875"	265	242	8	96
12	41313975	470	36	ST2"X2"X0.188"RC	265	242	8	96
13	41313976	470	36	ST2"X2"X0.188"RC	265	242	8	96
14	41313978	470	36	ST2"X2"X0.188"RC	265	242	8	96
15	41314368	604	26	FB6"X0.375"	270	245	8	96
16	41314369	581	25	FB6"X0.375"	270	245	8	96
17	41314370	458	62	EA2"X2"X0.1875"	265	242	8	96
18	41314377	514	30	ST2"X2"X0.250"RC	275	255	8	96
19	41314380	514	30	ST2"X2"X0.250"RC	275	255	8	96
20	41314381	497	29	ST2"X2"X0.250"RC	275	255	8	96
21	41314382	600	70	ST2"X2"X.120"RC	270	250	8	96
22	41314383	600	70	ST2"X2"X.120"RC	270	250	8	96
23	41314386	492	42	FB3"X0.375"	270	245	8	96
24	41314387	593	19	FB6"X500"	275	245	9	97
25	41314825	485	54	ST2"X2"X.120"RC	270	250	8	96
26	41314826	465	54	ST2"X2"X.120"RC	270	250	8	96
27	41314827	543	63	ST2"X2"X.120"RC	270	250	8	96
28	41314828	464	11	SB2"X2"	270	250	8	96



Date 27/10/2013

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24280



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The Aluminum Company of Egypt  
48 / 50 Abdel Khalek Sarwat St.  
CAIRO - EGYPT - Extrusion Plant - Nag Hammady  
Tel. 002 02 5762 932 - 002 096 6583 174 - Fax : 002 096 6588 478

## CERTIFICATE

Customer

Standard : DIN EN 755 - EN 10204 - 3.1.B

Order no. : 143476

Box Container No. : TTNU522840/8

Alloy	6061	Length	20'	Temper	T6	Product	Profiles
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### CHEMICAL COMPOSITION

Melt NO.	Analysis %							
	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti
14ZSU1/2	0.46	0.28	0.1902	0.0965	0.8700	0.0454	0.0187	0.0065
								Rest

### Product specification

Item	Roller No.	Net Weight (Kg)	No. Of pieces	Profile Specification Dim (mm)	Tensile Strength Rm.	Proof strength Rp 0.2	Elongation	Brinell hardness HB
1	41313915	569	18	FB6"X0.500"	275	245	9	97
2	41313917	563	36	FB3"X0.500"	270	240	8	96
3	41313920	531	144	EA1.5"X1.5"X0.125"	265	241	8	95
4	41313924	460	44	FB4"X0.250"	265	240	9	95
5	41313925	460	44	FB4"X0.250"	265	240	9	95
6	41313926	538	16	RB2"	270	250	8	96
7	41313929	470	14	RB2"	270	250	8	96
8	41313930	555	56	EA2"X2"X0.250"	265	240	9	95
9	41313931	555	56	EA2"X2"X0.250"	265	240	9	95
10	41313932	555	56	EA2"X2"X0.250"	265	240	9	95
11	41313934	555	56	EA2"X2"X0.250"	265	240	9	95
12	41313935	555	56	EA2"X2"X0.250"	265	240	9	95
13	41313936	396	40	EA2"X2"X0.250"	265	240	9	95
14	41313937	396	40	EA2"X2"X0.250"	265	240	9	95
15	41313939	385	158	EA1"X1"X0.125"	265	242	8	95
16	41313946	621	119	FB2"X0.250"	265	240	9	95



Date 27/10/2013



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## CERTIFICATE

Customer

Standard : DIN EN 755 - EN 10204 - 3.1.B

Order no. : 143476 Box Container No. : TTNU522840/8

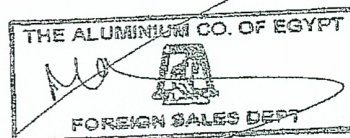
Alloy	6061	Length	24'	Temper	T6	Product	Profiles
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### CHEMICAL COMPOSITION

Melt NO.	Analysis %							
	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti
14ZSU1/2	0.46	0.28	0.1902	0.0965	0.8700	0.0454	0.0187	0.0065
								Rest

### Product specification

Item	Pallet No.	Net Weight (Kg)	No. Of pieces	Profiles Specification Data (mm)	Tensile Strength Rm	Proof strength Rp 0.2	Elongation	Brinell hardness HB
1	41313922	536	36	NEA3"X2"X0.250"	260	240	9	95
2	41313969	392	80	ST1"X1"X0.120"RC	270	250	8	96
3	41314367	519	33	ST2"X2"X0.188"RC	265	242	8	96
4	41314372	596	120	ST1"X1"X0.120"RC	270	250	8	96
5	41314375	545	110	ST1"X1"X0.120"RC	270	250	8	96
6	41314378	586	50	ST2"X2"X0.120"SC	270	250	8	96
7	41314379	434	37	ST2"X2"X0.120"SC	270	250	8	96
8	41314824	561	54	ST2"X2"X.120"RC	270	250	8	96
9	41314829	561	54	ST2"X2"X.120"RC	270	250	8	96
10	41314830	561	54	ST2"X2"X.120"RC	270	250	8	96
11	41314831	561	54	ST2"X2"X.120"RC	270	250	8	96
12	41314832	561	54	ST2"X2"X.120"RC	270	250	8	96



Date 27/10/2013



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48 / 50 Abdel Khalek Sarwat St.  
CAIRO - EGYPT - Extrusion Plant - Nag Hammady  
Tel. 002 02 5762 932 - 002 096 6583 174 - Fax : 002 096 6588 478

## CERTIFICATE

Customer

Standard : DIN EN 755 - EN 10204 - 3.1.B

Order no. : 143476 Box Container No. : GESU402790/9

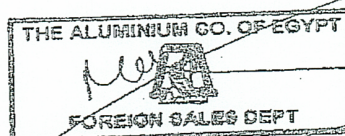
Alloy	6061	Length	6100 mm	Temper	T6	Product	Profiles
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### CHEMICAL COMPOSITION

Melt NO.	Analysis %							
	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti
14ZSU1/2	0.46	0.28	0.1902	0.0965	0.8700	0.0454	0.0187	0.0065
								Rest

### Product specification

Item	Part No.	Net Weight (Kg)	No. of pieces	Profiles Specification Dim (mm)	Tensile Strength Rm	Proof strength Rp 0.2	Elongation	Brinell hardness HB
1	41313910	632	24	NEA4"X3"X0.375"	270	245	8	96
2	41313919	529	144	EA1.5"X1.5"X0.125"	265	241	8	95
3	41313921	516	140	EA1.5"X1.5"X0.125"	265	241	8	95
4	41313927	538	16	RB2"	270	250	8	96
5	41313928	538	16	RB2"	270	250	8	96
6	41313938	390	160	EA1"X1"X0.125"	265	241	8	95
7	41313942	508	104	EA2"X2"X0.125"	265	241	8	95
8	41313943	508	104	EA2"X2"X0.125"	265	241	8	95
9	41313944	488	100	EA2"X2"X0.125"	265	241	8	95
10	41313947	621	119	FB2"X0.250"	265	240	9	95
11	41313950	496	64	FB3"X0.250"	265	240	9	95
12	41313952 X	490	35	RT4"X2"X0.120"SC	270	250	8	96
13	41313953 X	490	35	RT4"X2"X0.120"SC	270	250	8	96
14	41313954	421	40	FB2"X0.500"	270	240	8	96
15	41313959	560	75	EA1.5"X1.5"X0.250"	265	240	9	95
16	41313960	515	70	EA1.5"X1.5"X0.250"	265	240	9	95
17	41313962	530	135	FB1.5"X0.250"	265	240	9	95
18	41313963	659	160	ST1"X1"X0.120"RC	270	250	8	96
19	41313964	633	60	FB2"X0.500"	270	240	8	96
20	41313977	470	36	ST2"X2"X0.188"RC	265	242	8	96



Date 27/10/2013



## PRODUCT INSPECTION CERTIFICATE

The Aluminum Company of Egypt  
48 / 50 Abdel Khalek Sarwat St.  
CAIRO - EGYPT - Extrusion Plant - Nag Hammady  
Tel. 002 02 5762 932 - 002 096 6583 174 - Fax : 002 096 6588 478

## CERTIFICATE

Customer

Standard : DIN EN 755 - EN 10204 - 3.1.B

Order no. : 143476 Box Container No. : GESU402790/9

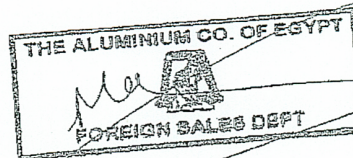
Alloy	6061	Length	7320 mm	Temper	T6	Product	Profiles
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### CHEMICAL COMPOSITION

Melt NO.	Analysis %								
	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al
14ZSU1/2	0.46	0.28	0.1902	0.0965	0.8700	0.0454	0.0187	0.0065	Rest

### Product specification

Item	Pallet No.	Net Weight (KG)	No. Of pieces	Profiles Specification Dim (mm)	Tensile Strength Rm	Proof strength Rp 0.2	Elongation	Brinell hardness HB
1	41313970	392	80	ST1"X1"X0.120"RC	270	250	8	96
2	41313979	562	36	ST2"X2"X0.188"RC	265	242	8	96
3	41314364	562	36	ST2"X2"X0.188"RC	265	242	8	96
4	41314365	562	36	ST2"X2"X0.188"RC	265	242	8	96
5	41314366	562	36	ST2"X2"X0.188"RC	265	242	8	96
6	41314373	594	120	ST1"X1"X0.120"RC	270	250	8	96
7	41314374	495	100	ST1"X1"X0.120"RC	270	250	8	96
8	41314376	586	50	ST2"X2"X0.120"SC	270	250	8	96



Date 27/10/2013



# PRODUCT INSPECTION CERTIFICATE

The Aluminum Company of Egypt

48 / 50 Abdel Khalek Sarwat St.

CAIRO - EGYPT - Extrusion Plant - Nag Hammady

Tel. 002 02 5762 932 - 002 096 6583 174 - Fax : 002 096 6588 478

## CERTIFICATE

Customer

Standard : DIN EN 755 - EN 10204 - 3.1.B

Order no. : 143476

Box Container No. : MSCU556970/0

Alloy	6061	Length	6100 mm	Temper	T6	Product	Profiles
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### CHEMICAL COMPOSITION

Melt NO.	Analysis %								
	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al
14ZSU1/2	0.46	0.28	0.1902	0.0965	0.8700	0.0454	0.0187	0.0065	Rest

### Product specification

Item	Pallet No.	Net Weight (Kg)	No. Of pieces	Profiles Specification Dim (mm)	Tensile Strength Rm.	Proof strength Rp 0.2	Elongation	Brinell hardness HB
1	41313911	632	24	NEA4"X3"X0.375"	270	245	8	96
2	41313912	527	20	NEA4"X3"X0.375"	270	245	8	96
3	41313913	501	19	NEA4"X3"X0.375"	270	245	8	96
4	41313914	569	18	FB6"X0.500"	275	245	9	97
5	41313916	563	36	FB3"X0.500"	270	240	8	96
6	41313918	563	36	FB3"X0.500"	270	240	8	96
7	41313933	555	56	EA2"X2"X0.250"	265	240	9	95
8	41313940	535	112	FB2"X0.250"	265	240	9	95
9	41313941	502	96	FB2"X0.250"	265	240	9	95
10	41313965	547	36	FB6"X0.250"	265	240	9	95
11	41313966	455	30	FB6"X0.250"	265	240	9	95
12	41313967	455	30	FB6"X0.250"	265	240	9	95
13	41314384	469	40	FB3"X0.375"	270	245	8	96
14	41314385	469	40	FB3"X0.375"	270	245	8	96



Date 27/10/2013



## PRODUCT INSPECTION CERTIFICATE

The Aluminum Company of Egypt

48 / 50 Abdel Khalek Sarwat St.

CAIRO - EGYPT - Extrusion Plant - Nag Hammady

Tel. 002 02 5762 932 - 002 096 6583 174 - Fax : 002 096 6588 478

## CERTIFICATE

Customer

Standard : DIN EN 755 - EN 10204 - 3.1.B

Order no. : 143476

Box Container No. : MSCU556970/0

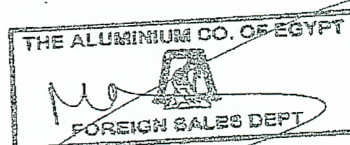
Alloy	6061	Length	7320 mm	Temper	T6	Product	Profiles
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### CHEMICAL COMPOSITION

Melt NO.	Analysis %								
	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al
14ZSU1/2	0.46	0.28	0.1902	0.0965	0.8700	0.0454	0.0187	0.0065	Rest

### Product specification

Item	Pallet No.	Net Weight (Kg)	No. Of pieces	Profiles Specification Dim (mm)	Tensile Strength Rm.	Proof strength Rp 0.2	Elongation	Brinell hardness HB
1	41313923	624	42	NEA3"X2"X0.250"	265	240	9	95



Date 27/10/2013



# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 6061T6 .500X 6.00  
 RECEIVED BY: Line  
 DATE: 14/03/11  
 P/O# 23249 MATERIAL CERT RECEIVED yes  
 QUANTITY ORDERED: 20A QUANTITY RECEIVED: \_\_\_\_\_  
 THICKNESS ORDERED: .500X6.00 THICKNESS RECEIVED: \_\_\_\_\_  
 SHEET SIZE: \_\_\_\_\_ SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N	
INCORRECT FINISH	Y <input checked="" type="checkbox"/> N	
CORROSION	Y <input checked="" type="checkbox"/> N	
INCORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N	
INCORRECT MATERIAL	Y <input checked="" type="checkbox"/> N	
INCORRECT THICKNESS	Y <input checked="" type="checkbox"/> N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL	Y <input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/> N	23249 142541/2 1128437
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING		47 HRB		

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>Line</u>	BY: _____
DATE: <u>14/03/11</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in





MILL TEST ASTM B221-12

MAGNA  
Q.C.2

25014  
0092105

TEL: (416) 745-4444 FAX: (416) 745-0925 1-800-668-7210  
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4  
<http://www.extrudex.com>

BILL TO	1110	Cert Code:		DIE NUMBER	DATE OF SHIPMENT
EXTRUDEX ALUMINUM (QUE) S.E.C.		1	0.99	S 2444	10/31/2013
SHIP TO	S2788	CUSTOMER PO	84210 / 25014	ALLOY 6061	TEMPER T6
MAGNA STAINLESS INC.		CUSTOMER PART NUMBER	DT02444	PART DESCRIPTION	HOUSE ACCOUNTS
SO DESCRIPTION					1" X 3/4" FLAT BAR

EXTRUDEX ORDER NO. MANIFEST NO.  
162542 — 1 297554  
MADE IN CANADA  
CERTIFICATION  
MILL TEST ASTM B221-12

### Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
A. 11	6061	Oct/29/13	43.8	39.0	16.70	88.1, 87.9, 88.3	

### Chemical Composition

Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
22106	0.56	0.22	0.199	0.061	0.82	0.046	0.00	0.006	0.0090	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Remainder

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

OK 11/03/11

David Natale  
Quality Control Manager

1 - CUSTOMER COPY

MILL TEST ASTM B221-12



# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 6061T6 .75X1.00  
 RECEIVED BY: Zmp  
 DATE: 14/03/10  
 P/O# 23249 MATERIAL CERT RECEIVED yes  
 QUANTITY ORDERED: 20+ QUANTITY RECEIVED: 20+  
 THICKNESS ORDERED: .75X1.00 THICKNESS RECEIVED: .75X1.00  
 SHEET SIZE: \_\_\_\_\_ SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
INCORRECT FINISH	Y <input checked="" type="radio"/> N	
CORROSION	Y <input checked="" type="radio"/> N	
INCORRECT GRAIN DIRECTION	Y <input checked="" type="radio"/> N	
INCORRECT MATERIAL	Y <input checked="" type="radio"/> N	
INCORRECT THICKNESS	Y <input checked="" type="radio"/> N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y N	23249
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y N	22106
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y N	M128437
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	
		42 HRB			

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>any</u>	BY: _____
DATE: <u>14/03/11</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



## Material Test Report

Manifest: 675549

Ship To: Magna Stainless Inc.

MAGNA  
Q.C. 2

5775 Kieran St.  
St-Laurent, QC H4S 0A3

Our Order: **859538 - 1**

Cust P.O.: PO26016

Die: ES05741

Part: 05741-000-240

Alloy Temper: 6061 T6

Description: .750 x 2.000"

Print Date: 1/14/14

### Chemical Composition Range

<u>6061</u>	<u>Si</u>	<u>Fe</u>	<u>Cu</u>	<u>Mn</u>	<u>Mg</u>	<u>Cr</u>	<u>Zn</u>	<u>Ti</u>	<u>OtherEach</u>	<u>OtherTotal</u>
Min	0.40		0.15		0.8	0.04				
Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15

### Mechanical Properties

Strength ksi

<u>Sample</u> <u>ID</u>	<u>Cast #</u>	<u>Lot #</u>	<u>Test</u> <u>Date</u>	<u>Ultimate</u> <u>Tensile</u>	<u>Yield</u> <u>2% offset</u>	<u>Elongation</u> <u>2" gage length</u>
40460	<u>13110453A</u>	A11	1/3/14	46.80	41.65	16.5

Applicable Specifications: ASTMB221-13

QQA200/8


*OK 14/03/11*

Country of Origin: ONTARIO, CANADA

Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for additional costs which may be incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment.

Eric Hotte - Tensile Testing

Authorized:

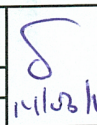
  
Evan Eng, Quality Assurance Mgr.



# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 6061T6 .75X2.00  
 RECEIVED BY: Line  
 DATE: 14/03/11  
 P/O# 23249 MATERIAL CERT RECEIVED yes  
 QUANTITY ORDERED: 20A QUANTITY RECEIVED: 20A  
 THICKNESS ORDERED: .75X2.00 THICKNESS RECEIVED: .75X2.00  
 SHEET SIZE: \_\_\_\_\_ SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/>	
INCORRECT FINISH	Y <input checked="" type="checkbox"/>	
CORROSION	Y <input checked="" type="checkbox"/>	
INCORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/>	
INCORRECT MATERIAL	Y <input checked="" type="checkbox"/>	
INCORRECT THICKNESS	Y <input checked="" type="checkbox"/>	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> N	23249 13110453A M128437
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING		48 HRB			

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>Line</u>	BY: _____
DATE: <u>14/03/11</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Material Test Report

Manifest: 272189

Ship To: Magna Stainless Inc.  
5775 Kieran St.  
St-Laurent, QC H4S 0A3

Our Order: 859389 - 1

Cust P.O.: PO25883

Die: ES05719

Part: 05719-000-240

Alloy Temper: 6061 T6

Description: .750 x 3.000

Print Date: 1/16/14

**Chemical Composition Range**

6061	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	OtherEach	OtherTotal
Min	0.40		0.15		0.8	0.04				
Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15

**Mechanical Properties**

Strength ksi

Sample ID	Cast #	Lot #	Test Date	Ultimate Tensile	Yield 2% offset	Elongation 2" gage length
40415	13111361A	A11	1/1/14	41.82	37.84	23.0

Applicable Specifications: ASTMB221-13


QQA200/8

Country of Origin: ONTARIO, CANADA

Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for additional costs which may be incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment.

Eric Hotte - Tensile Testing

Authorized:

  
Evan Eng, Quality Assurance Mgr.



# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 6061 T6 .75X3.00  
 RECEIVED BY: [Signature]  
 DATE: 14/03/11  
 P/O# 23249 MATERIAL CERT RECEIVED yes  
 QUANTITY ORDERED: 20A QUANTITY RECEIVED: 20A  
 THICKNESS ORDERED: .75X3.00 THICKNESS RECEIVED: .75X3.00  
 SHEET SIZE: \_\_\_\_\_ SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
INCORRECT FINISH	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORROSION	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
INCORRECT GRAIN DIRECTION	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
INCORRECT MATERIAL	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
INCORRECT THICKNESS	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
PHOTO REQUIRED	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	23249
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	1311361A
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	M128437
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	
		49 HRB			

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>[Signature]</u>	BY: _____
DATE: <u>14/03/11</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in





TÉLÉPHONE: (418) 831-4444  
TÉLÉCOPIEUR: (418) 831-7400  
SANS FRAIS: (800) 704-4244  
770 Chemin Olivier, St-Nicolas, Québec G7A 2N2

Français

## CERTIFICAT DE CONFORMITÉ

Ce certificat garantit que le matériel décrit ci-dessous a été produit conformément au manuel d'assurance qualité d'EXTRUDEX

ALUMINIUM (QUÉBEC) S.E.C., selon les normes:

(ANSI H35.1-1997) & (ASTM B221)



LOT: 1A1

NOM DU CLIENT:

MAGNA STAINLESS INC.

VOTRE NUMÉRO DE COMMANDE:

24498

NOTRE NUMÉRO DE COMMANDE:

83572 - 1 - 1A1

NUMÉRO DE FILIÈRE:

SO11569 - 1

DESCRIPTION ITEM:

FLAT 2 1/2 X 1"

ALLIAGE:

6061

TREMPAGE:

T6

NUMÉRO DE COULÉE:

13061511A

PO 24498  
CO891837.  
LO 79948  
LO 79949

### COMPOSITION CHIMIQUE DE LA COULÉE:

Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al
0.53	0.15	0.18	0.01	0.80	0.07	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Différence

SIGNATURE: \_\_\_\_\_





Sep 18, 2013

## Tensile Properties of Aluminum (Rect Bars)

Report No. 1235

Test Date 18-Sep-13 Testing Machine Smart Series

Nom du Client Magna Stainless Inc.  
Opérateur François Bégin  
Filiale SO11569-1  
Presse No. 2

Bon de Production 83572-1  
Alliage & Trempe 6061/T6  
Commentaire W.Q.  
Client No. 24498

Load Cell S/N (Q56685), Units (lbs)  
Displacement Sensor

20000  
EZ-2-2 (4361)

Crosshead Speed (Inches / min) or Rate 0.25

Test No	Specimen ID	Yield (lbs)	Yield (kpsi)	Tensile (lbs)	Tensile (kpsi)	Total Elong (%)	Hardness/ Dureté E1	Hardness/ Dureté E2	Hardness/ Dureté E3	Area (in <sup>2</sup> )	Width (in)	Thickness (in)
1242	SO11569-1	3,928	37.4	4,569	43.5	16.85	91.8	91.5	92.0	0.11	0.5030	0.2090

By : \_\_\_\_\_ Date : \_\_\_\_\_

Test Performed in Accordance with ASTM B557, Rev. 88

Extrudex Aluminum 770 Chemin Oliver Saint-Nicolas, Quebec G7A 2N2 Tel (418) 831-4444 FAX (418) 831-7400



# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 6061T6 1.00X2.50  
 RECEIVED BY: Line  
 DATE: 14/03/10  
 P/O# 23249 MATERIAL CERT RECEIVED: yes  
 QUANTITY ORDERED: 20+ QUANTITY RECEIVED: 10+  
 THICKNESS ORDERED: 1.00X2.50 THICKNESS RECEIVED: 1.00X2.50  
 SHEET SIZE: \_\_\_\_\_ SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <u>N</u>	
INCORRECT FINISH	Y <u>N</u>	
CORROSION	Y <u>N</u>	
INCORRECT GRAIN DIRECTION	Y <u>N</u>	
INCORRECT MATERIAL	Y <u>N</u>	
INCORRECT THICKNESS	Y <u>N</u>	
PHOTO REQUIRED	Y <u>N</u>	
CORRECT MATERIAL	<u>Y</u> N	
CORRECT REF # TO LINK CERT	<u>Y</u> N	
CORRECT MATERIAL IDENTIFICATION	<u>Y</u> N	<u>23249</u>
CORRECT M# ON THE MATERIAL	<u>Y</u> N	<u>1306/5/11A</u>
		<u>M28437</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <u>N</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <u>N</u>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING		<u>45 HRB</u>		

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>any</u>	BY: _____
DATE: <u>14/03/11</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



## Material Test Report

Manifest: 272443

Ship To: Magna Stainless Inc.

5775 Kieran St.  
St-Laurent, QC H4S 0A3

MAGNA  
QC.2

Our Order: **400592 - 1**

Cust P.O.: PO26009

Die: ES05446

Part: 05446-000-240

Alloy Temper: 6061 T6

Description: 1.000

Print Date: 1/17/14

### Chemical Composition Range

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	OtherEach	OtherTotal
Min	0.40		0.15		0.8	0.04				
Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15

### Mechanical Properties

Strength ksi

Sample ID	Cast #	Lot #	Test Date	Ultimate Tensile	Yield 2% offset	Elongation 2" gage length
500736	13121301A	A11	1/17/14	41.17	36.11	12.3

Applicable Specifications: ASTMB221-13

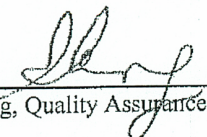
QQA200/8

Country of Origin: ONTARIO, CANADA

Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for additional costs which may be incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment.

Ray Hussain - Tensile Testing

Authorized:

  
Evan Eng, Quality Assurance Mgr.

26009  
C0916743



# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 6061T6 R1.00  
 RECEIVED BY: Zml  
 DATE: 14/03/10  
 P/O# 23249 MATERIAL CERT RECEIVED yes  
 QUANTITY ORDERED: 20+ QUANTITY RECEIVED: 20+  
 THICKNESS ORDERED: R1.00 THICKNESS RECEIVED: R1.00  
 SHEET SIZE: \_\_\_\_\_ SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N	
INCORRECT FINISH	Y <input checked="" type="checkbox"/> N	
CORROSION	Y <input checked="" type="checkbox"/> N	
INCORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N	
INCORRECT MATERIAL	Y <input checked="" type="checkbox"/> N	
INCORRECT THICKNESS	Y <input checked="" type="checkbox"/> N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>23249</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>13121301A</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>M128437</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	<u>5</u> <u>14/03/10</u>
		<u>46 HRB</u>			

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>214</u>	BY: _____
DATE: <u>14/03/11</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



## Material Test Report

Manifest: 272343

Ship To: Magna Stainless Inc.  
5775 Kieran St.  
St-Laurent, QC H4S 0A3

MAGNA  
QC.2

Our Order: **400515 - 1**

Cust P.O.: PO25877

Die: ES05551

Part: 05551-000-240

Alloy Temper: 6061 T6

Description: 1.500

Print Date: 1/17/14

### Chemical Composition Range

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	OtherEach	OtherTotal
Min	0.40		0.15		0.8	0.04				
Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15

### Mechanical Properties

Strength ksi

Sample ID	Cast #	Lot #	Test Date	Ultimate Tensile	Yield 2% offset	Elongation 2" gage length
500520	<u>13121091A</u>	A11	1/15/14	42.84	38.76	12.9

Applicable Specifications: ASTMB221-13


QQA200/8

Country of Origin: ONTARIO, CANADA

Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for additional costs which may be incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment.

Ray Hussain - Tensile Testing

Authorized:

  
Evan Eng, Quality Assurance Mgr.

25877. 0096244.

and 14/03/14



# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 6061T6R1.50  
 RECEIVED BY: Lin  
 DATE: 14/03/11  
 P/O# 23249  
 QUANTITY ORDERED: 40+  
 THICKNESS ORDERED: R1.5  
 SHEET SIZE: \_\_\_\_\_  
 MATERIAL CERT RECEIVED: yes  
 QUANTITY RECEIVED: 40+  
 THICKNESS RECEIVED: R1.5  
 SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <u>N</u>	
INCORRECT FINISH	Y <u>N</u>	
CORROSION	Y <u>N</u>	
INCORRECT GRAIN DIRECTION	Y <u>N</u>	
INCORRECT MATERIAL	Y <u>N</u>	
INCORRECT THICKNESS	Y <u>N</u>	
PHOTO REQUIRED	Y <u>N</u>	
CORRECT MATERIAL	<u>Y</u> N	
CORRECT REF # TO LINK CERT	<u>Y</u> N	<u>23249</u>
CORRECT MATERIAL IDENTIFICATION	<u>Y</u> N	<u>13121091A</u>
CORRECT M# ON THE MATERIAL	<u>Y</u> N	<u>14128435</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <u>N</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <u>N</u>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING		<u>37 HRB</u>			<u>5</u> <u>14/03/11</u>

*testers located in the Quality Office*

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>Lin</u>	BY: _____
DATE: <u>14/03/11</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



**MAGNA**  
**INOXYDABLE**  
Div. de CSM ULC

5775 RUE KIERAN  
ST-LAURENT, QUEBEC H4S 0A3  
(514) 339-1211  
1-800-363-6646

**CERTIFICAT DE CONFORMITÉ**  
**CERTIFICATE OF CONFORMANCE**

**MAGNA MTR # : L084696**

**DATE: 03/07/2014**

**COMPAGNIE / COMPANY: DART AEROSPACE LTD**

**VOTRE/YOUR #: P023249**

**DATE DE LA COMMANDE /  
ORDER DATE: 03/06/2014**

**NOTRE / OUR #: I092109**

	DESCRIPTION	QUANTITÉ /QUANTITY	SPECIFICATIONS
<b>TYPE:</b>	RD 6061 T6	2 PC	ASTM B221
<b>SIZE:</b>	1-1/2" X 20'		
<b>HEAT #:</b>	13121091A		

**MILL SOURCE: CAN ART ALUMINUM EXTRUSION INC.**

Magna Stainless certifie que le matériel décrit ci-dessus, s'accorde aux dessins ou aux spécifications demandées sur le bon de commande et qui sont en vigueur à la date où la commande est acceptée.

Magna Stainless certifies that the material described above is in accordance with the drawing or specifications called for on said order that is current on the date order was accepted.

Signed: B. Martin



**MAGNA**  
**INOXYDABLE**  
Div. de CSM ULC

5775 RUE KIERAN  
ST-LAURENT, QUEBEC H4S 0A3  
(514) 339-1211  
1-800-363-6646

**CERTIFICAT DE CONFORMITÉ**  
**CERTIFICATE OF CONFORMANCE**

**MAGNA MTR # : L084690**

**DATE:** 03/07/2014

**COMPAGNIE / COMPANY:** DART AEROSPACE LTD

**VOTRE/YOUR #:** P023249

**DATE DE LA COMMANDE /**  
**ORDER DATE:** 03/06/2014

**NOTRE / OUR #:** I092109

	DESCRIPTION	QUANTITÉ /QUANTITY	SPECIFICATIONS
<b>TYPE:</b>	RD 6061 T6	1 PC	ASTM B221
<b>SIZE:</b>	1" X 20'		
<b>HEAT #:</b>	13121301A		

**MILL SOURCE:** CAN ART ALUMINUM EXTRUSION INC.

Magna Stainless certifie que le matériel décrit ci-dessus, s'accorde aux dessins ou aux spécifications demandées sur le bon de commande et qui sont en vigueur à la date où la commande est acceptée.

Magna Stainless certifies that the material described above is in accordance with the drawing or specifications called for on said order that is current on the date order was accepted.

Signed: B Martin



**MAGNA**  
**INOXYDABLE**  
Div. de CSM ULC

5775 RUE KIERAN  
ST-LAURENT, QUEBEC H4S 0A3  
(514) 339-1211  
1-800-363-6646

**CERTIFICAT DE CONFORMITÉ**  
**CERTIFICATE OF CONFORMANCE**

**MAGNA MTR # : L079948**

**DATE:** 03/07/2014

**COMPAGNIE / COMPANY:** DART AEROSPACE LTD

**VOTRE/YOUR #:** P023249

**DATE DE LA COMMANDE /**  
**ORDER DATE:** 03/06/2014

**NOTRE / OUR #:** I092109

	DESCRIPTION	QUANTITÉ /QUANTITY	SPECIFICATIONS
<b>TYPE:</b>	6061 T6	1 PC	ASTM B221
<b>SIZE:</b>	1"X2-1/2"X120"		
<b>HEAT #:</b>	13061511A		

**MILL SOURCE:** EXTRUDEX ALUMINUM (QUEBEC) S.E.C.

Magna Stainless certifie que le matériel décrit ci-dessus, s'accorde aux dessins ou aux spécifications demandées sur le bon de commande et qui sont en vigueur à la date où la commande est acceptée.

Magna Stainless certifies that the material described above is in accordance with the drawing or specifications called for on said order that is current on the date order was accepted.

Signed: B. Mouton



**MAGNA**  
**INOXYDABLE**  
Div. de CSM ULC

5775 RUE KIERAN  
ST-LAURENT, QUEBEC H4S 0A3  
(514) 339-1211  
1-800-363-6646

**CERTIFICAT DE CONFORMITÉ**  
**CERTIFICATE OF CONFORMANCE**

**MAGNA MTR # : L084698**

**DATE:** 03/07/2014

**COMPAGNIE / COMPANY:** DART AEROSPACE LTD

**VOTRE/YOUR #:** P023249

**DATE DE LA COMMANDE /**  
**ORDER DATE:** 03/06/2014

**NOTRE / OUR #:** I092109

	DESCRIPTION	QUANTITÉ /QUANTITY	SPECIFICATIONS
<b>TYPE:</b>	6061 T6	1 PC	ASTM B221
<b>SIZE:</b>	3/4"X3"X20'		
<b>HEAT #:</b>	13111361A		

**MILL SOURCE:** CAN ART ALUMINUM EXTRUSION INC.

Magna Stainless certifie que le matériel décrit ci-dessus, s'accorde aux dessins ou aux spécifications demandées sur le bon de commande et qui sont en vigueur à la date ou la commande est acceptée.

Magna Stainless certifies that the material described above is in accordance with the drawing or specifications called for on said order that is current on the date order was accepted.

Signed: B Martin



**MAGNA**  
**INOXYDABLE**  
Div. de CSM ULC

5775 RUE KIERAN  
ST-LAURENT, QUEBEC H4S 0A3  
(514) 339-1211  
1-800-363-6646

**CERTIFICAT DE CONFORMITÉ**  
**CERTIFICATE OF CONFORMANCE**

**MAGNA MTR # : L084367**

**DATE:** 03/07/2014

**COMPAGNIE / COMPANY:** DART AEROSPACE LTD

**VOTRE/YOUR #:** P023249

**DATE DE LA COMMANDE /**  
**ORDER DATE:** 03/06/2014

**NOTRE / OUR #:** I092109

	DESCRIPTION	QUANTITÉ /QUANTITY	SPECIFICATIONS
<b>TYPE:</b>	6061 T6	1 PC	ASTM B221
<b>SIZE:</b>	3/4"X2"X20'		
<b>HEAT #:</b>	13110453A		

**MILL SOURCE:** CAN ART ALUMINUM EXTRUSION INC.

Magna Stainless certifie que le matériel décrit ci-dessus, s'accorde aux dessins ou aux spécifications demandées sur le bon de commande et qui sont en vigueur à la date où la commande est acceptée.

Magna Stainless certifies that the material described above is in accordance with the drawing or specifications called for on said order that is current on the date order was accepted.

Signed: B. Martin



**MAGNA**  
**INOXYDABLE**  
Div. de CSM ULC

5775 RUE KIERAN  
ST-LAURENT, QUEBEC H4S 0A3  
(514) 339-1211  
1-800-363-6646

**CERTIFICAT DE CONFORMITÉ**  
**CERTIFICATE OF CONFORMANCE**

**MAGNA MTR # : L081566**

**DATE:** 03/07/2014

**COMPAGNIE / COMPANY:** DART AEROSPACE LTD

**VOTRE/YOUR #:** P023249

**DATE DE LA COMMANDE /**  
**ORDER DATE:** 03/06/2014

**NOTRE / OUR #:** I092109

	DESCRIPTION	QUANTITÉ /QUANTITY	SPECIFICATIONS
<b>TYPE:</b>	6061 T6	1 PC	ASTM B221
<b>SIZE:</b>	3/4"X1"X20'		
<b>HEAT #:</b>	22106		

**MILL SOURCE:** EXTRUDEX ALUMINUM

Magna Stainless certifie que le matériel décrit ci-dessus, s'accorde aux dessins ou aux spécifications demandées sur le bon de commande et qui sont en vigueur à la date où la commande est acceptée.

Magna Stainless certifies that the material described above is in accordance with the drawing or specifications called for on said order that is current on the date order was accepted.

Signed: B. Martin



**MAGNA**  
**INOXYDABLE**  
Div. de CSM ULC

5775 RUE KIERAN  
ST-LAURENT, QUEBEC H4S 0A3  
(514) 339-1211  
1-800-363-6646

**CERTIFICAT DE CONFORMITÉ**  
**CERTIFICATE OF CONFORMANCE**

**MAGNA MTR # : L085884**

**DATE:** 03/07/2014

**COMPAGNIE / COMPANY:** DART AEROSPACE LTD

**VOTRE/YOUR #:** P023249

**DATE DE LA COMMANDE /**  
**ORDER DATE:** 03/06/2014

**NOTRE / OUR #:** I092109

	DESCRIPTION	QUANTITÉ /QUANTITY	SPECIFICATIONS
<b>TYPE:</b>	6061 T6	1 PC	ASTM B221
<b>SIZE:</b>	1/2"X1-1/4"X20'		
<b>HEAT #:</b>	12100171A		

**MILL SOURCE:** EXTRUDEX ALUMINUM (QUEBEC) S.E.C.

Magna Stainless certifie que le matériel décrit ci-dessus, s'accorde aux dessins ou aux spécifications demandées sur le bon de commande et qui sont en vigueur à la date où la commande est acceptée.

Magna Stainless certifies that the material described above is in accordance with the drawing or specifications called for on said order that is current on the date order was accepted.

Signed: B Martin



**MAGNA**  
**INOXYDABLE**  
Div. de CSM ULC

5775 RUE KIERAN  
ST-LAURENT, QUEBEC H4S 0A3  
(514) 339-1211  
1-800-363-6646

**CERTIFICAT DE CONFORMITÉ**  
**CERTIFICATE OF CONFORMANCE**

**MAGNA MTR # : L085033**

**DATE:** 03/07/2014

**COMPAGNIE / COMPANY:** DART AEROSPACE LTD

**VOTRE/YOUR #:** P023249

**DATE DE LA COMMANDE /**  
**ORDER DATE:** 03/06/2014

**NOTRE / OUR #:** I092109

	DESCRIPTION	QUANTITÉ /QUANTITY	SPECIFICATIONS
<b>TYPE:</b>	6061 T6	1 PC	
<b>SIZE:</b>	½"X6"X20"		
<b>HEAT #:</b>	14ZSU1/2		

**MILL SOURCE: THE ALUMINUM COMPANY OF EGYPT**

Magna Stainless certifie que le matériel décrit ci-dessus, s'accorde aux dessins ou aux spécifications demandées sur le bon de commande et qui sont en vigueur à la date ou la commande est acceptée.

Magna Stainless certifies that the material described above is in accordance with the drawing or specifications called for on said order that is current on the date order was accepted.

Signed: B. Martin





TÉLÉPHONE: (418) 831-4444  
TÉLÉCOPIEUR: (418) 831-7400  
SANS FRAIS: (800) 704-4244  
770 Chemin Olivier, St-Nicolas, Québec G7A 2N2

Français

## CERTIFICAT DE CONFORMITÉ

Ce certificat garantit que le matériel décrit ci-dessous a été produit  
conformément au manuel d'assurance qualité d'EXTRUDEX

MAGNA  
Q.C. ?

ALUMINIUM (QUÉBEC) S.E.C., selon les normes:

(ANSI H35.1-1997) & (ASTM B221)

LOT: 1A1

NOM DU CLIENT:

MAGNA STAINLESS INC.

VOTRE NUMÉRO DE COMMANDE:

26316

NOTRE NUMÉRO DE COMMANDE:

85400 - 2 - 1A1

NUMÉRO DE FILIÈRE:

SA00123 - 2

DESCRIPTION ITEM:

PLAT 1.250 X .500

ALLIAGE:

6061

TREMPAGE:

T6

NUMÉRO DE COULÉE:

13100171A

### COMPOSITION CHIMIQUE DE LA COULÉE:

Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al
0.54	0.16	0.19	0.02	0.80	0.06	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Différence

SIGNATURE: 



# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 6061T6 .500X1.250  
 RECEIVED BY: Zina  
 DATE: 14/03/10  
 P/O# 23244 MATERIAL CERT RECEIVED yes  
 QUANTITY ORDERED: 20+ QUANTITY RECEIVED: 20  
 THICKNESS ORDERED: .500X1.250 THICKNESS RECEIVED: .500X1.250  
 SHEET SIZE: \_\_\_\_\_ SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N	
INCORRECT FINISH	Y <input checked="" type="checkbox"/> N	
CORROSION	Y <input checked="" type="checkbox"/> N	
INCORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N	
INCORRECT MATERIAL	Y <input checked="" type="checkbox"/> N	
INCORRECT THICKNESS	Y <input checked="" type="checkbox"/> N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>23244</u> <u>3100171A</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>M128437</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>any</u>	BY: _____
DATE: <u>14/03/11</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO23249

Purchase Order Date 3/6/2014

PO Print Date 3/6/2014

Page Number 1 of 4

Order From :  
MAGNA STAINLESS  
5775 RUE KIERAN  
ST LAURENT, QC H4S 0A3  
CA

VC-MAG002

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

*REVISED*

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	800 363 6646	Customer POID	
		Customer Tax #	10127-2607
Ship To Contact		Terms	Net 30
Ship To Phone		Currency	CAD
Ship Via:	Yours ppd	FOB	Destination-Collect
Ship Acct:			

*M128437*

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M6061T6B0.375X00.750	6061T6 BAR .375 x .750	3/12/2014 Yes 3/12/2014		20.00 f	\$2.18	\$43.50

MATERIAL: 6061-T6/T651/T6510/T6511/62 ALUMINUM BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221

Line Total: \$43.50

20.00	20.00	\$1.32	\$26.40	2	M6061T6B0.500X01.250	6061-T6 Bar .500 x 1.25	3/10/2014	Yes	3/10/2014
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MATERIAL SPEC'S SAME AS ABOVE

Line Total: \$26.40

20.00	\$6.45	\$129.00	3	M6061T6B0.500X06.000	6061-T6 Bar .500 x 6.00	3/10/2014	Yes	3/10/2014
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MATERIAL SPEC'S SAME AS ABOVE

PO Instructions: NOTE: PLEASE CUT MATERIAL IN 10 FT SECTION

Note:

3/6/2014





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO23249**

Purchase Order Date 3/6/2014

PO Print Date 3/6/2014

Page Number 2 of 4

**Order From :**  
MAGNA STAINLESS  
5775 RUE KIERAN  
ST LAURENT, QC H4S 0A3  
CA

VC-MAG002

**Ship To :** DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**  
**Vendor Phone** 800 363 6646  
  
**Ship To Contact**  
**Ship To Phone**  
**Ship Via:** Yours ppd  
**Ship Acct:**

**Buyer** Chantal Lavoie  
**Customer POID**  
**Customer Tax #** 10127-2607  
**Terms** Net 30  
**Currency** CAD  
**FOB** Destination-Collect

*M125432*

**Line Total:** \$129.00

4 M6061T6B0.750X01.000 6061-T6 Bar .750 x 1.00 3/10/2014  
Yes  
3/10/2014

20.00  
f

\$1.65 \$33.00

MATERIAL SPEC'S SAME AS ABOVE

**Line Total:** \$33.00

5 M6061T6B0.750X02.000 6061-T6 Bar .750 x 2.00 3/10/2014  
Yes  
3/10/2014

20.00  
f

\$3.20 \$64.00

MATERIAL SPEC'S SAME AS ABOVE

**Line Total:** \$64.00

6 M6061T6B0.750X03.000 6061-T6 Bar .750 x 3.00 3/10/2014  
Yes  
3/10/2014

20.00  
f

\$4.80 \$96.00

MATERIAL SPEC'S SAME AS ABOVE

**Line Total:** \$96.00

**PO Instructions:** NOTE: PLEASE CUT MATERIAL IN 10 FT SECTION

**Note:**

3/6/2014





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO23249**

Purchase Order Date 3/6/2014

PO Print Date 3/6/2014

Page Number 3 of 4

Order From :  
MAGNA STAINLESS  
5775 RUE KIERAN  
ST LAURENT, QC H4S 0A3  
CA

VC-MAG002

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

*m128437*

Contact Name  
Vendor Phone 800 363 6646  
  
Ship To Contact  
Ship To Phone  
Ship Via: Yours ppd  
Ship Acct:

Buyer  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB Destination-Collect

7	M6061T6B0.750X06.000	6061T6 BAR .750 X 6.00	3/12/2014 Yes 3/12/2014	40.00 f	\$12.45	\$498.00
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MATERIAL SPEC'S SAME AS ABOVE

Line Total: \$498.00

8	M6061T6B1.000X02.500	6061-T6 Bar 1.00 x 2.50	3/10/2014 Yes 3/10/2014	10.00 ✓ f	\$5.28	\$52.80
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MATERIAL SPEC'S SAME AS ABOVE

*14/3/10* Line Total: \$52.80

10	M6061T6R1.000	ROUND BAR 1.00"	3/10/2014 Yes 3/10/2014	20.00 ✓ f	\$1.68	\$33.60
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MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

Line Total: \$33.60

L IN 10 FT SECTION

PO Instructions: NOTE: PLEASE CUT MATERIA

Note:

3/6/2014





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO23249**

Purchase Order Date 3/6/2014

PO Print Date 3/6/2014

Page Number 4 of 4

**Order From :**

VC-MAG002

**Ship To :** DART AEROSPACE LTD

MAGNA STAINLESS  
5775 RUE KIERAN  
ST LAURENT, QC H4S 0A3  
CA

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

**Vendor Phone** 800 363 6646

**Ship To Contact**

**Ship To Phone**

**Ship Via:** Yours ppd

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #** 10127-2607

**Terms**

Net 30

**Currency**

CAD

**FOB**

Destination-Collect

11	M6061T6R1.500	6061-T6 Round Bar 1.50	3/10/2014	40.00		\$3.83	\$153.00
			Yes	f			
			3/10/2014				

MATERIAL SPEC'S SAME AS ABOVE

**Line Total:** \$153.00

12	71401-45	PROCUREMENT QUALITY CLAUSES	3/10/2014	0.00		\$0.00	\$0.00
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No

3/10/2014

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality document

**Line Total:** \$0.00

**PO Total:** \$1,129.30

**PO Instructions:** NOTE: PLEASE CUT MATERIAL IN 10 FT SECTION

**Note:** Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

**Change Nbr:** 3

**Change Date:** 3/6/2014